Applicants: Janet A. Warrington et al.
USSN 09/950,016 Filed September 10, 2001
Atty John P Iwanicki, Reg No 34,628
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28 State Street, 28th Floor, Boston, MA 02109
Attorney Docket No. 03848-00093 SHEET 1 OF 21

LCM, RNA isolation and amount of cDNA after 2 rounds of T7 amplification Figure 1A

770	Case 1		Case 2	e 2	Case 3	se 3	Cas	Case 4	3	Case 5
	Normal	Jancer	Normal	Cancer	Normal	Cancer	Normal	Cancer	Normal	Cancer
	Control of the contro				1000	100,000				
Mumber of I CM shots	48.000	10.000	40,000	40,000	40,000	40,000	40,000	40,000	40,000	40,000
Approx # of cells	200 000	20.000	120,000	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Approx amt of RNA used	100ng	75ng	100ng	120ng	100ng	115ng	100ng	100ng	100ng	100ng
for T7 amp			7	21.88	DIB.C	2.0710	23 500	6.000	17.74ua	23.13ug
ds-cDNA amt after 2	S./ Sug	Dngg.c	finac'ı	0.0049	יי מיי)))	2))		
rounds of T7 amp	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, , , , ,			, , , , , , , , , , , , , , , , , , ,	12			, , , , , , , , , , , , , , , , , , ,	

Amount of ds-cDNA after 2 rounds of T7 amplification is dependent on the quality of the LCM-generated RNA from the normal and tumor tissues

Precent transcripts detected in normal and tumor tissues Figure 1B

								,	,	
	Case	. 1 42	Č	Case 2	Case 3		Cas	Case 4	Case 2	Se o
	Normal	Cancer	Normal	Cancer	Normal	Cancer	Normal Cancer	Cancer	Normal	Cancer
	IVOLUME	200			3				3	,
% Genes					· · · · · · · · · · · · · · · · · · ·				**************************************	4
	,	, (,,,,	7		25.2	25.0	40.2	40.2
Jotoston	ر مرد م		30.3	55.0	4.67	50.00	0.00	0.75	(A. 1)	1 2 2 2
50100105										

6

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Figure 2A: 39 Genes whose expression changed in 5/5 cases

References	(Yeudall et al., 1997)	(Porte et al., 1998)	(Kimura et al., 2000)	(Kawamata et al., 1997; Strojan et al., 2000)	CONTROL CONTRO	(Magary et al., 2000)	and the substitution delice who was in the	ло ин п. ман максимунунун темрендеринун и менерендеринун и темперия менен и менен м	(Mighell et al., 1997)		NAME AND THE PARTY OF THE PARTY	(Liu et al., 1999)	The same of the sa		Muramatsu et al., 1995) (Loukinova et al., 2000)	t			(Lin & Chen, 1991)	(Janot et al., 1993)	THE RESIDENCE AND PROPERTY OF THE PROPERTY OF	3
Oral Cancer Association	Yes	Yes	Yes	Yes	WE WIN A DESCRIPTION VEHICLE OUT IN COMMERCIAL COMMERCIAL CO.	Yes	W C MANUE 5 WARE	орого коложиную шихохиминальных маможин из 6 и и ф.Б.идей, Чейшины Обиничник	Yes		WINDSHOOM, MANN MAN WARREN, WINDSHOP, I'M MARKETON IN THE MANN IN IN	Yes	ORN UN VOA WARRANIA WAS LEE WAS ELECTRICAL A.	Yes	Yes	states consisted wound deck on was to up			Yes	Yes	THE THREE IS NOT THE PROPERTY OF THE PROPERTY	,
Chromosomes Coalization	2pter-p25.1	5q31.3-q32	19q13.3-q13.4	9q21-q22	10q22.1	11q22.3	9	21q22.23	2q34	7q22.1	7p15-p13	1p32-p31	N/A	6q25.3	4q21	15q21.1		N/A	15q15	8p21-p12	12q13.1	Xp11.4-p11.3
Sion Name	pt p53-responsive gene 2	Secreted protein, acidic, cysteine-rich,osteonectin	Ferritin, light polypeptide	Cathepsin L	0	Matrix metalloproteinase 1 (interstitial collagenase)	5T4 oncofetal trophoblast glycoprotein	Runt-related transcription factor 1 (acute myeloid leukemia 1)	Fibronectin 1	Collagen, type I, alpha 2	Inhibin, beta A (activin A, activin AB alpha polypeptide)	Vascular cell adhesion molecule 1	Human alpha-1 collagen type I gene,	Superoxide dismutase 2, mitochondrial	GRO1 oncogene (melanoma growth stimulating activity, alpha)	Fibrillin 1 (Marfan Syndrome)	1: 1:12	Zinc finger protein 273	Creatine kinase, mitochondrial 1 (ubiquitous)	Epoxide hydrolase 2, cytoplasmic	Placental protein 11 (serine proteinase)	Monoamine oxidase B
Accession Number Increase in	D86983	J03040	M11147	X12451	X17042	X54925	Z29083	D43968	X02761	Z74616	X57579	M30257	M55998	X65965	X54489	L13923	- Decréase-in	X78932	J04469	L05779	M32402	M69177

	armani d	THE PROPERTY OF THE PROPERTY O	THE RESIDENCE OF THE PROPERTY	Hamilton and the second control of the secon
M98447	Transglutaminase 1 (K polypeptide epidermal type I, protein- glutamina-damma-ollutamyltransferase)	14q11.2	Yes	(Shin et al., 1994)
017077	BENE protein	2q13		,
U3425̃2	Aldehyde dehydrogenase 9 (gamma-aminobutyraldehyde dehydrogenase, E3 isozyme)	1q22-q23		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			- 3	β βρο, lean v. wo years is μετι λόξη πολολουμένου vous, 'exerce αντ. 'αποφείε' καικούσεσεικ' i
Decrease in	Name Name	See The second s		
Tumor (Cont)			gg case to, an gramm, top it, a	, , , , , , , , , , , , , , , , , , ,
U46689	Aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase)	17p11.2	AMERICAN AMERICANS COMPANY OF THE PROPERTY OF THE PERSONS COMPANY OF	Apparamentation of the first property and the first property of th

The state of the s	; ; ; ;	establishmentalistics, co. man. via. as as mercentrophistologic of in time 95, to	1 5		and temperature differential in terrational in term transformation comments.	(Suo et al., 1993)	(Viaene & Baert, 1995)						manusignees of the state of the	(von Biberstein et al.,	(Murray et al., 1994)	
The state of the s	The second secon	MATERIALA (Primamany) management (Material Andrés) (Material Andrés) (Material Andrés) (Material Andrés) (Material Andrés)		1	deman generations. In (a) to copyright, generalizing/PPOsts to-MPHODA throw type in contributions		Yes (Viae		•	Man (1 2			Yes (von	Yes (Mu	ennadau en en en en
Mark and the state of the state		1/p11.2	က	6q21	N/A	12q13	17q21	4q12	12p13	20q13.3	1923-9251	16	12p12.3	2q14.2	10q24	15q15.1-q21.1
Name of the second seco		Aldehyde dehydrogenase 10 (fatty aldehyde dehydrogenase)	Lysophospholipase-like	Absent in melanoma 1	Human clone 23612	Keratin 4	Keratin 15	Neuromedin U	Sodium channel, nonvoltage-gated 1 alpha	Protein tyrosine kinase 6	Flavin containing monooxygenase 2	Carboxylesterase 2 (intestine, liver)	Epithelial membrane protein 1	Interleukin 1 receptor antagonist	Cytochrome P450, subfamily IIC (mephenytoin4-hydroxylase),	polypeptide 9 TYRO3 protein tvrosine kinase
Decrease in	Tumor (Cont)	U46689	U67963	Ú83115	U90902	X07695	X07696	X76029	X76180	X78549	Y09267	.Y09616	407909	X53296	M61855	1118934

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Figure 2B: Representative sample of differentially regulated genes

	# 1545-1945 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		· Warrensen
Accession Number	Description/Function	Chromosoma Location	Regulation
	1 2 3 3 3 4 3 4 5 5 5 5 6 5 5 5 5 6 5 5 5 5 6 5 5 5 5	I Tibesetve Fire Politica	ner i Stand Canada de Sentino (1918)
Metastatic/Invasion Pathway			
X12451	Cathepsin-L	9q21-22	Up 5/5
X54925	Collagenase/MMP I	11q22.3	Up 5/5
X02419	UPA	10q24	Up 5/5
Z29083	5T4 Oncofetal protein	6q13-14	Up 5/5
Transcriptional	7		
factors			
D43968	Runt-related transcription factor/AML1	21q22	Up 5/5
U85658	ERF1 transcription factor	20q13.2	Down 4/5
Onco-	7		
genes/suppressors			
M57731	Gro-Beta Oncogene	4q12-13	Up 4/5
M16038	Lyn-tyrosine kinase (oncogene LYN)	8q13	Up 4/5
L13698	Gas-1	9q21.3-22.1	Up 4/5
	Tumour associated membrane protein (control		-p•
Y07909	cell-Cekk interactions & cell proliferation)	12p12.3	Down 5/5
X98311	CEA2 (onco-suppressor)	19q13.2	Down 5/5
M16750	PIM-1-oncogene	6p21.2	Down 4/5
U83115	AIM1 (onco-suppressor)	6q21	Down 4/5
Differentiation]		
Markers			
X07695	Cytokeratin 4	12q13	Down 5/5
X07696	Cytokeratin 15	17q21	Down 5/5
M98447	Transglutaminase 1	14q11.2	Down 5/5
Others	7		
U37546	Apoptosis-inhibitor protein	11q22-23	Up 5/5
X76029	Neuromedin U	4q12	Down 5/5
S45630	Alpha-beta-crystallin/Rosenthal protein	11q22.3-23.1	Down 4/5
X78932	ZFP HZF9 (potent repressor)	19p12	Down 5/5
U47414	Cyclin G2 (cell cycle regulators)	4q21	Down 4/5

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Figure 2C UP REGULATED GENES

Probe set	Description	Ave FC	Method*	T-test
X54925	MMP1, type I interstitial collagenase	429	G	0.093
X05232	MMP3, stromelysin-1	177	, G	0.047
X57579	Activin β-A subunit	146	G.	0.066
U24577	LDL-phospholipase A2	133	G	0.003
X54489	Melanoma growth stimulatory activity	93	GMGc.	0.040
L23808	MMP12	70	G	0.060
X04602	Interleukin BSF-2	59	G G	0.256
U20758	Osteopontin, SPP1	47	G '	0.224
M21121	T cell-specific protein, RANTES	40	G	0.129
U09278	Fibroblast activation protein	39	G .	0.087
X51441	Serum amyloid A, SAA	39	G	0.037
M63438	Immunoglobulin kappa variable 1D-8	35	G	0.071
Z19574	Cytokeratin 17	34	G	0.125
Z49194	Oct-binding factor	28	G Gc	0.081
U28488	Complement component 3a receptor 1	25	G	0.006
V00536	IFN-γ	24	Ğ	0.150
X02761	Fibronectin	21	G	0.115
J03040	Osteonectin / SPARC	20	Gc	0.227
D55696	Cysteine protease	19	Gc	0.022
X52022	Collagen, type VI α3	18	G.	0.202
U89942	Lysyl oxidase-related protein	18	Gc G	0.082
M12759	lg J chain	18	G	0.218
L13286	1,25-dihydroxyvitamin D3 24-hydroxylase	17	Gc G	0.052
X66867	Max	16	Gc	0.304
J05070	MMP9, type IV collagenase	16	G	0.287
M87789	IGHG3, Ig heavy constant γ 3	16		0.102
X54867	NKG2, lectin-like receptor subfamily C	14	G	0.171
M13755	Interferon induced 17KDa/15KDa	13	Ğ	0.052

^{*}G=GeneChip, M=Matlab, Gc=GeneCluster

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Figure 2D DOWN REGULATED GENES

Probe set	Description	Ave FC	Method*	T-test
X51420	Tyrosinase-related protein	0.06	Martine	0.202
X07695	Cytokeratin 4C	0.06	GM	0.002
U09578	MAPKAP kinase	0.08	M	0.238
Z84721	Globin a and C	0.08	M	0.036
M32402	Placental protein PP11	0.10	GM	0.005
G3884-HT4154	Homeotic Protein, Hpx-42	0.10	G. T.	0.006
U85707	Leukemogenic homolog protein, MEIS1	0.10	G M	0.008
X76180	Ung amilioride sensitive Na+ channel protein	- 0.10	-GM	0.011
Y09267	Flavin-containing monooxygenase 2	0.10	M	0.036
X95240	Cysteine-rich secretory protein 3	0.10	M	0.141
X07696	Cytokeratin 15	0.11	GM-	0.004
X76223	MAL, t cell differentiation protein	0.11	GM	0.041
U49114	Prohormone convertase 5 precursor, PC5	0.14	Maria	0.102
D13643	KIAA0018	1. 10.14	Gc	0.001
U65932	Extracellular matrix protein 1, ECM1	0.14	M	0.048
M25079	Sickle cell β-globin	0.14	M	0.085
M83186	Cytochrome c oxidase subunit VIIa	0,14	M	0.036
D00408	Cytochrome P-450, fetal liver	0.14	G M Gc	0.022
M27160	Tyrosinase, TYR	0.15	M	0.085
X87159	Epithelial amiloride-sensitive Na+ channel, β	0.15	e G	0.003
Y07909	Progression Associated Protein	0.15	M	0.004
X76029	Neuromedin U	0.15	G M Gc	0.000
D29958	KIAA0116	0.15	GC	0.050
U06643	Keratinocyte lectin 14, HKL-14	0.15	M Go	0.001
X53296	IRAP	0.16	GM	0.012
U15932	Protein phosphalase	0.16	Mail	0.045
34236-HT4506	Zinc Finger Protein, Znf138	0.16	u G	0.079
D80010	KIÁA0188	0.17	$M_{\rm M}$	0.000

^{*}G=GeneChip, M=Matlab, Gc=GeneCluster

Comparison of percent increases for 3 upregulated genes measured by GeneChip and Real-Time Quantitative PCR Data* Figure 3

	Samples	1	2	3	4	S
Accession	Gene	GC/RTQPCR	GC/RTQPCR	GC/RTQPCR GC/RTQPCR GC/RTQPCR	GC/RTQPCR	GC/RTQPCR
X54925 (7	4300 / 1100	22900 / 36800	800 / 2200	49500 / 130000	7800 / 16500
X12451	X12451 Pro-cathepsin L	300 / 800	570 / 700	180 / 300	300 / 2800	300 / 400
X02419	UPA	400 / 100	440 / 800	150/3200	400 / 980	425 / 900

GC= Gene expression data RT-QPCR= real time quantitative PCR

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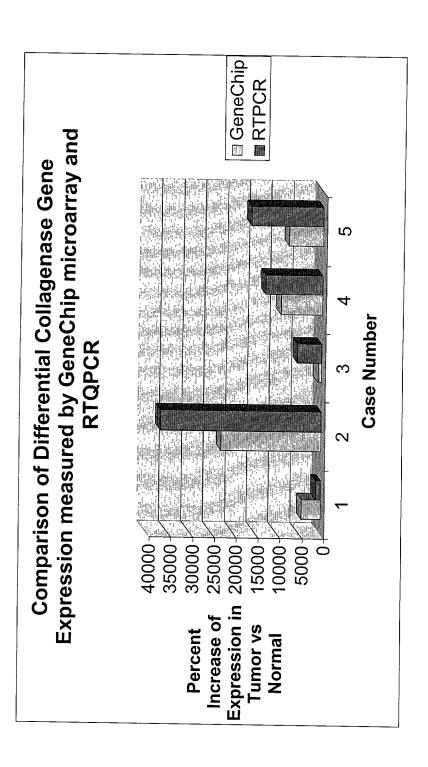


Figure 4

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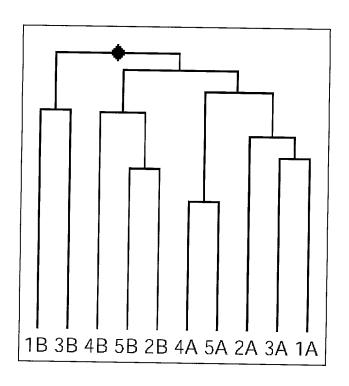


Figure 5

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Figure 6: Differentially Expressed Genes Identified by All 3 Methods

In Oral Cancer Localization Association See Comment 1 ND ND Up in Cancer 3 Pes Up in Cancer 4p15 Yes Up in Cancer 12q12-q14 Yes Up in Cancer 12q13 Yes Down in Cancer 12q13 Yes Down in Cancer 144 Yes Down in Cancer 1422-421 Down in Cancer Down in Cancer 14q12 Yes Down in Cancer 15q15.1-q21 Yes Up in Cancer 17p11.2 Yes Down in Cancer 17p11.2 Yes Up in Cancer 4q21 Yes Up in Cancer 4q21 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes	Accession	Name	Expression Up/Down	Chromosome	Oral Ganger	Reference
See Comment 1 ND factor 2 Up in Cancer 13 factor 2 Down in Cancer 2 1q22.3 fiption factor 1 Up in Cancer 4p15 Up in Cancer 4p15 Up in Cancer 12q12.3 Up in Cancer 12q12.4 Up in Cancer 1q41-q42 neducible protein 30 Up in Cancer 1q21-q21 neducible protein 30 Down in Cancer 1q21-q21 nesse 9 Down in Cancer 1q22-q21 nase 10 Down in Cancer 1q22-q23 nase 10 Down in Cancer 1q22-q23 nase 10 Down in Cancer 3p21.1-p14.3 or Up in Cancer 4q12 3 Up in Cancer 4q21 or Up in Cancer 4q34-q35	Прег		<u>lin Oral Cancer</u>	Localization	Association	
factor 2 Up in Cancer 3 ription factor 1 Up in Cancer 21q22.3 Intition factor 1 Up in Cancer 4p15 Up in Cancer 12q12-q14 Yes Bown in Cancer 12q12-q14 Yes Bee Up in Cancer 12q12-q14 Yes Bee Up in Cancer 14q1-q42 Yes Inhibitor Down in Cancer 12q13 Yes Inhibitor Down in Cancer 12q13 Yes Inchestic leukemia viral Down in Cancer 1q21-q21 Yes Inchesting D Down in Cancer 1q22-q21 Yes Be, subfamily D Down in Cancer 1q22-q21 Yes Inke kinase Down in Cancer 1q22-q23 Yes Inke s3 Down in Cancer 1q22-q23 Yes Inke 3 Down in Cancer 4q12 Yes GSA) Up in Cancer 4q12 Yes Inhatase, receptor, type, F Down in Cancer 4q412 Yes Inhatase, receptor,	***	Cytochrome P450, subfamily IIIA polypeptide 7	See Comment 1	QN		The state of the s
ription factor 1 Up in Cancer 21q22.3 Up in Cancer 4p15 Up in Cancer 12q12-q14 Sase Down in Cancer 12q12-q14 Ness Down in Cancer 12p13.1 Up in Cancer 12p13.1 Up in Cancer 12p13.1 Inhibitor Down in Cancer 12p13.3 Inhibitor Down in Cancer 12p13.3 Be, subfamily D Down in Cancer 12p13.3 Be, subfamily D Down in Cancer 12p2-p2.1 Inhibitor Down in Cancer 12p13.3 Be, subfamily D Down in Cancer 12p13.3 Bown in Cancer 12p13.3 Inhibitor Down in Cancer 12p13.3 Bown in Cancer 12p13.4 Ingase 10 Down in Cancer 12p13.3 Ingase 10 Down in Cancer 12p13.3 Ingase 10 Down in Cancer 14p13.3 Ingase 10 Down in Cancer 14p13.4 Ingase 10 Down in Cancer 14p14.5 Ingase 10 Down in Cancer 14p14.5 Ingase 10 Down in Cancer 14p14.5 Ingase 10 Down in Cance		Osteoblast specific factor 2	Up in Cancer	13		
ription factor 1 Up in Cancer 4p15 Up in Cancer 4p15 Up in Cancer ND Yes Bown in Cancer 12q12-q14 Toblastic leukemia viral Down in Cancer 12q12-q21 Toblastic leukemia viral Down in Cancer 12q13 Toblastic leukemia viral Down in Cancer 14q13 E. subfamily D Down in Cancer 14q22-q21 Toblastic leukemia viral Down in Cancer 14q22-q21 Toblastic leukemia viral Down in Cancer 14q22-q21 Toblastic leukemia viral Down in Cancer 14q22-q23 Toblast Down in Cancer 14q22-q23 Toblast Down in Cancer 14q12 Toblast Down in Cancer 14q12 Toblast Down in Cancer 14q34-q35 Toblast glycoprotein Up in Cancer 14q34 Toblast glycoprotein Up in Cancer 14q34 Toblast glycoprotein Up in Cancer 14q34		KIAA0089	Down in Cancer	3		
Up in Cancer 4p15 Base Up in Cancer ND Yes Base Up in Cancer 12q12-q14 Yes Inducible protein 30 Up in Cancer 12q12-q14 Yes Inducible protein 30 Up in Cancer 12p13 Yes Inhibitor Down in Cancer 2q12-q21 Yes Inhibitor Down in Cancer 12q13 Yes Inchlastic leukemia viral Down in Cancer 1p22-p21 Yes Inchlastic leukemia viral Down in Cancer 1p22-q23 Yes Inchlasse Down in Cancer 1p22-q23 Yes GSA) Up in Cancer 4q12 Yes GSA) Up in Cancer 4q12 Yes Inchlasse, receptor, type, F Down in Cancer 4q34-q35 Yes Inchla		Runt-related transcription factor 1	Up in Cancer	21q22.3		
ase Down in Cancer Bown in Cancer Down in C		CD38 antigen (p45)	Up in Cancer	4p15		
Down in Cancer 12q12-q14 Yes 0 Up in Cancer 19p13.1 ponent Up in Cancer 12p13 Down in Cancer 2q12-q21 Down in Cancer 12q13 Down in Cancer 12q13 Down in Cancer 1p22-p21 Down in Cancer 1q22-q23 Down in Cancer 3p21.1-p14.3 Up in Cancer 4q21 Yes Up in Cancer 4q12 Yes Down in Cancer 4q34-q32 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes	-HT3688	Nuclear Protein IL6	Up in Cancer	. QN	Yes	(Ondrey et al 1999)
Up in Cancer 1941-942 0 Up in Cancer 19p13.1 ponent Up in Cancer 2q12-q21 Down in Cancer 144 Down in Cancer 12q13 Down in Cancer Xp11.4-p11.3 Down in Cancer 1p22-p21 Down in Cancer 1q22.3-q23.1 Down in Cancer 1q22.3-q23.1 Down in Cancer 1q24.1.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 4q21 Up in Cancer 4q21 Down in Cancer 4q12 Down in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35		Vitamin D receptor	Down in Cancer	12q12-q14	Yes	(Lotan 1997)
0 Up in Cancer 19p13.1 ponent Up in Cancer 2q12-q21 Down in Cancer 12q13 Yes Down in Cancer 12q13 Yes Down in Cancer 1p22-p21 Yes Down in Cancer 1f22.3-q23.1 Yes Down in Cancer 1f22-q23 Yes Down in Cancer 17p11.2 Yes Down in Cancer 3p21.1-p14.3 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 Yes Up in Cancer 4q34-q35 Yes		ADP-ribosyltransferase	Up in Cancer	1941-942		(1001)
ponent Up in Cancer 12p13 Down in Cancer 2q12-q21 Down in Cancer 12q13 Yes Down in Cancer Xp11.4-p11.3 Yes Down in Cancer 1p22-p21 1p22-p21 Down in Cancer 1q22.3-q23.1 1p22-p21.1 Down in Cancer 17p11.2 Yes Down in Cancer 3p21.1-p14.3 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 Yes Down in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 1q34 Yes			Up in Cancer	19p13.1		
Down in Cancer 2q12-q21 Bown in Cancer 12q13 Yes Down in Cancer Xp11.4-p11.3 Yes Down in Cancer 1p22-p21 Yes Down in Cancer 1fq22-q23 Yes Down in Cancer 17p11.2 Yes Down in Cancer 3p21.1-p14.3 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 Yes Down in Cancer 4q12 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 Yes		ω,	Up in Cancer	12p13		
a viral Down in Cancer 14 A viral Down in Cancer Xp11.4-p11.3 Down in Cancer 1p22-p21 Down in Cancer 1fq22.3-q23.1 Down in Cancer 1fq22.421.1 Down in Cancer 17p11.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 4q21 Ves Ves Down in Cancer 4q12 Down in Cancer 4q12 Down in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35	,	Diazepam binding inhibitor	Down in Cancer	2q12-q21		
a viral Down in Cancer Tp11.4-p11.3 Yes Down in Cancer 1p22-p21 1p22-p21 Down in Cancer 1fq22.3-q23.1 1p22-q23 Down in Cancer 17p11.2 7es Down in Cancer 3p21.1-p14.3 7es Up in Cancer 4q21 Yes Up in Cancer 4q12 Yes Down in Cancer 4q12 Yes Up in Cancer 4q34-q35 Yes		Ribosomal protein L36a	Down in Cancer	14		
Down in Cancer Xp11.4-p11.3 Down in Cancer 1p22-p21 Down in Cancer 17q22.3-q23.1 Down in Cancer 17p11.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 4q21 Up in Cancer 4q12 Down in Cancer 4q12 Up in Cancer 4q12 Down in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35 Up in Cancer 4q34-q35		oblastic	Down in Cancer	12q13	Yes	(Shintani et al., 1995)
Down in Cancer 1p22-p21 Down in Cancer 11q22.3-q23.1 Down in Cancer 15q15.1-q21.1 Down in Cancer 17p11.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 9q21-q22 Yes Up in Cancer 4q12 Yes Down in Cancer 4q12 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 Yes		Monoamine oxidase B	Down in Cancer	Xp11.4-p11.3		
Down in Cancer 11q22.3-q23.1 Down in Cancer 15q15.1-q21.1 Down in Cancer 17p11.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 9q21-q22 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 ND Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 Yes	******	ATP-binding cassette, subfamily D	Down in Cancer	1p22-p21		
Down in Cancer 15q15.1-q21.1 Down in Cancer 17p11.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 9q21-q22 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 ND Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 Yes	ŕ	Crystallin, alpha B	Down in Cancer	11q22.3-q23.1		
Down in Cancer 1422-423 Down in Cancer 3p21.1-p14.3 Down in Cancer 9q21-q22 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 Ves Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 Yes	, ,	TYRO3 protein tyrosine kinase	Down in Cancer	15q15.1-q21.1		
Down in Cancer 17p11.2 Down in Cancer 3p21.1-p14.3 Up in Cancer 4q21 Yes Down in Cancer 4q12 ND Up in Cancer 4q34-q35 Yes Up in Cancer 4q34-q35 Yes Up in Cancer 6 Yes	,	Aldehyde dehydrogenase 9	Down in Cancer	1q22-q23		
Down in Cancer 3p21.1-p14.3 Up in Cancer 9q21-q22 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 ND Up in Cancer 4q34-q35 Yes ', type, F Down in Cancer 6	ı	Aldehyde dehydrogenase 10	Down in Cancer	17p11.2		
Up in Cancer 9q21-q22 Yes Up in Cancer 4q21 Yes Down in Cancer 4q12 ND Up in Cancer 4q34-q35 Yes t, type, F Down in Cancer 6	'	Deoxyribonuclease I-like 3	Down in Cancer	3p21.1-p14.3		
Up in Cancer 4q21 Yes Down in Cancer 4q12 ND Down in Cancer 4q34-q35 Yes t, type, F Down in Cancer 6		Cathepsin L	Up in Cancer	9q21-q22		(Kawamata et al., 1997;
Down in Cancer 4q12 Down in Cancer ND Up in Cancer 4q34-q35 , type, F Down in Cancer 6	•	GRO1 oncogene (MGSA)	Up in Cancer	4021	Vec	Strojan et al., 2000)
Down in Cancer ND Up in Cancer 4q34-q35 t, type, F Down in Cancer 6		Neuromedin U	Down in Cancer	4012	3	(Edanii 10va et al., 2000)
, type, F Down in Cancer 4q34-q35 Up in Cancer 6	,	Zinc finger protein 273	Down in Cancer	QN		
f, type, F Down in Cancer 1q34 Up in Cancer 6	ا ست. ا	FAT tumor suppressor	Up in Cancer	4q34-q35		
Up in Cancer 6	-	Protein tyrosine phosphatase, receptor, type, F	Down in Cancer	1934	Yes	
	- <u>.</u>	5T4 oncofetal trophoblast glycoprotein	Up in Cancer	9		

COSTOCIO COSTOCIO

FIGURE 7

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"D00408, class B, 11 probes, 11 in D00408 1373-1921, Human fetal liver cytochrome P-450 (P-450 HFLa), complete cds, Human fetal liver cytochrome P-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "D28915, class A, 20 probes, 16 m D28915cds 1002-1272: 4 in reverseSequence, 114-186, Human gene for hepatitis C-associated microtubular aggregate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "D49489, class A, 20 probes, 20 in D49489 1267-1759, Human mRNA for protein disulfide isomerase-related protein P5, complete cds"
"D49950, class A, 20 probes, 20 in D49950 495-918, Human Liver mRNA for interferon-gamma inducing factor(IGIF), complete cds"
"D61391, class A, 20 probes, 20 in D61391 1169-1685, Human mRNA for phosphoribosypyrophosphate synthetase-associated protein 39, complete cds"
"D79987, class A, 20 probes, 20 in D79987 6109-6523, Human mRNA for KIAA0165 gene, complete cds"
                                                                                                                                                                  overlapping chromosome 19 cosmids R31396, F25451, and R31076 containing COX6B and UPKA, genomic sequence, COX6B gene (COXG) c" AF008445 at "AF008445, class A, 20 probes, 20 in AF008445 895-1387, Homo sapiens phospholipid scramblase mRNA, complete cds. /gb=AF008445 /ntype=RNA"
                                                                                                                                                                                                                                                                             "D00003, class B, 12 probes, 12 in D00003 1681-1981, Human liver cytochrome P-450 mRNA, complete cds, Human liver cytochrome P-450 mRNA,
                                                                                                           at"AC002115, class A, 20 probes, 16 in AC002115mRNA#2 3349-7559: 4 not in GB record, COX6B gene (COXG) extracted from Human DNA from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "D43968, class A, 20 probes, 20 in D43968 6790-7222, Human AML1 mRNA for AML1b protein (alternatively spliced product), complete cds." "D49387, class A, 20 probes, 20 in D49387 401-917, Human mRNA for NADP dependent leukotriene b4 12-hydroxydehydrogenase, partial cds.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "D32129, class A, 20 probes, 20 in D32129 920-1425, Human mRNA for HLA class-I (HLA-A26) heavy chain, complete cds (clone cMIY-1)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "D11151, class A, 20 probes, 20 m D11151exon 1936-2434, Human DNA for endothelin-A receptor, 5' flanking region and" "D12775, class A, 20 probes, 20 in D12775 3124-3662, Human mRNA for erythrocytc-specific AMP deaminase, complete cds" "D13644, class A, 20 probes, 20 in D13644 4013-4523, Human mRNA for KIAA0019 gene, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "D13666, class A, 20 probes, 20 in D13666 2630-3072, Homo sapiens mRNA for osteoblast specific factor 2 (OSF-20s)" "D14520, class A, 20 probes, 20 in D14520 718-1258, Human mRNA for GC-Box binding protein BTEB2, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "D43636, class A, 20 probes, 20 in D43636 3576-4080, Human mRNA for KIAA0096 gene, partial cds" "D43682, class A, 20 probes, 20 in D43682 1584-2115, Human mRNA for very-long-chain acyl-CoA dehydrogenase
"AB000114, class A, 20 probes, 20 in AB000114 1818-2208, Human mRNA for osteomodulin, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "D31883, class A, 20 probes, 20 in D31883 6153-6711, Human mRNA for KIAA0069 gene, complete cds" "D31887, class A, 20 probes, 20 in D31887 4050-4512, Human mRNA for KIAA0062 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "D38551, class A, 20 probes, 20 in D38551 3082-3592, Human mRNA for KIAA0078 gene, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "D14658, class A, 20 probes, 20 in D14658 859-1285, Human mRNA for KIAA0102 gene, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "D21255, class A, 20 probes, 20 in D21255 3362-3812, Human mRNA for OB-cadherin-2, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "D25304, class A, 20 probes, 20 in D25304 4431-4701, Human mRNA for KIAA0006 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "D42047, class A, 20 probes, 20 in D42047 3472-3970, Human mRNA for KIAA0089 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "D42073, class A, 20 probes, 20 m D42073 1551-2049, Human mRNA for reticulocalbin, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "D16217, class A, 20 probes, 20 m D16217 1904-2414, Human mRNA for calpastatin, complete cds"
                                                       "AB000115, class A, 20 probes, 20 in AB000115 1469-1973, Human mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        gb=D49387 /ntype=RNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 VLCAD), complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           450 (P-450 HFLa),
                                                                                                                                AC002115 cds1
                 4B000114 at
                                                                        4B000115 at
                                                                                                                                                                                                                                                                                                                                                                       complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  D12775_s_at
                                                                                                                                                                                                                                                                                                           000003 s at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 D13666_s_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          D43682 s at
                                                                                                                                                                                                                                                                                                                                                                                                                               D00408_s_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32129 f at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  D38551_at
D42047_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    protein p44"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             D14520_at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   031887_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  D42073_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         D43636 at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         D43968_at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   D11151 at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 D16217 at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             D21255 at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            D28915 at
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Applicants: Janet A. Warrington et al.
USSN 09/950,016 Filed September 10, 2001
Atty John P Iwanicki, Reg No 34,628
BANNER & WITCOFF, LTD (617) 227-7111
28 State Street, 28th Floor, Boston, MA 02109
Attorney Docket No. 03848-00093 SHEET 11 OF 21

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"D87258, class A, 20 probes, 20 in D87258 1489-1999, Human cancellous bone osteoblast mRNA for serin protease with IGF-binding motif, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "100277, class C, 20 probes, 20 in all 100277 3607-3724, Human (genomic clones lambda-[SK2-T2, HS578T]; cDNA clones RS-[3,4,6]) c-Ha-ras1 proto-
                                                                                                                                                                                                                                                                                                                                "D84276, class A, 20 probes, 18 in D84276 909-1185: 2 in reverseSequence, 1299-1305, Human mRNA for CD38, complete cds"
                                                                                                                                                                                                                                                                                                                                                                             "D85181, class A, 20 probes, 20 in D85181 1502-2018, Human mRNA for fungal sterol-C5-desaturase homolog, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "103909, class A, 20 probes, 20 in J03909 461-995, Human gamma-interferon-inducible protein (IP-30) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "102871, class A, 20 probes, 20 in 102871 1475-1931, Human lung cytochrome P450 (IV subfamily) BI protein, complete cds'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    'D87119, class A, 20 probes, 20 in D87119 3614-4160, Human cancellous bone osteoblast mRNA for GS3955, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      103473, class A, 20 probes, 20 in 103473mRNA 3212-3752, Human poly(ADP-ribose) synthetase mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "103077, class A, 20 probes, 20 in 103077 2159-2692, Human co-beta glucosidase (proactivator) mRNA, complete cds" "103258, class A, 20 probes, 20 in 103258mRNA 4003-4561, Human vitamin D receptor mRNA, complete cds"
                                                                                                                                                                                                                                                                                   "D84239, class A, 20 probes, 20 in D84239 15949-16339, Human mRNA for IgG Fc binding protein, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                          "D85429, class A, 20 probes, 20 in D85429exon#3 813-1347, Human DNA for heat shock protein 40, complete cds" "D86956, class A, 20 probes, 20 in D86956 3139-3589, Human mRNA for KIAA0201 gene, complete cds"
                                                                                                                                                                                                                                          "D83018, class A, 20 probes, 20 in D83018 2645-3149, Human mRNA for nel-related protem 2, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "D86959, class A, 20 probes, 20 in D86959 5435-5867, Human mRNA for KIAA0204 gene, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "D87445, class A, 20 probes, 20 in D87445 6334-6892, Human mRNA for KIAA0256 gene, complete cds"
                                                'D79992, class A, 20 probes, 20 in D79992 6597-6897, Human mRNA for KIAA0170 gene, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       'D86985, class A, 20 probes, 20 m D86985 5502-5946, Human mRNA for KIAA0232 gene, complete cds"
20 probes, 20 in D79990 5065-5383, Human mRNA for KIAA0168 gene, complete eds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "103040, class A, 20 probes, 20 in 103040 1508-2000, Human SPARC/osteonectin mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          'D86983, class A, 20 probes, 20 in D86983 5131-5485, Human mRNA for KIAA0230 gene, partial cds."
                                                                                             20 probes, 20 in D79994 4227-4749, Human mRNA for KIAA0172 gene, partial cds"
                                                                                                                                         "D80000, class A, 20 probes, 20 in D80000 5250-5754, Human mRNA for KIAA0178 gene, partial cds"
                                                                                                                                                                                      "D80010, class A, 20 probes, 20 in D80010 4778-5198, Human mRNA for KIAA0188 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "D86957, class A, 20 probes, 20 in D86957 3869-4265, Human mRNA for KIAA0202 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 'D86961, class A, 20 probes, 20 in D86961 3678-4188, Human mRNA for KIAA0206 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "D86974, class A, 20 probes, 20 m D86974 5077-5308, Human mRNA for KIAA0220 gene, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "103474, class A, 20 probes, 20 in J03474cds 3-255, Human serum amyloid A gene, complete cds" "J03827, class A, 20 probes, 20 in J03827 970-1438, Y box binding protein-1 (YB-1) mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "Transcription Factor E4tfl, Respiratory, Gamma 2 Subunit, Alt. Splice 4"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "Major Histocompatibility Complex, Class I, C"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "Small Nuclear Ribonucleoprotein U1, 1snrp"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "External Membrane Protein, 130 Kda"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Protein Phosphatase Inhibitor Homolog
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Transcriptional Coactivator Pc4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "Decorin, Alt. Splice 1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Nuclear Factor Nf-Il6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "Globin, Beta"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Glycogenin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Macmarcks
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 oncogene, complete coding sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HG1428-HT1428 s at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         HG1686-HT4572 s at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HG2090-HT2152_s_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HG4334-HT4604 s at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HG4297-HT4567_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HG4557-HT4962 at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            HG1612-HT1612 at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HG2788-HT2896 at
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                                                       D79992_at
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"L33842, class A, 20 probes, 20 in L33842mRNA 1213-1639, Homo sapiens (clone FFB-7) type II inosme monophosphate dehydrogenase (IMPDH2) gene,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "L08895, class C, 20 probes, 20 in all L08895 3518-4059, Homo sapiens MADS/MEF2-family transcription factor (MEF2C) mRNA, complete cds" "L10373, class A, 20 probes, 20 in L10373 1311-1713, Human (clone CCG-B7) mRNA sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "L13286, class A, 20 probes, 20 in L13350mRNA 5247-5721, Human thrombospondin 2 (THBS2) mRNA, complete cds."
"L13286, class A, 20 probes, 20 in L13286 2671-3205, Human mitochondrial 1,25-dihydroxyvitamin D3 24-hydroxylase mRNA, complete cds."
"L13329, class A, 20 probes, 20 in L13329exon 434-938, Homo sapiens iduronate-2-sulfatase (IDS) gene."
"L13391, class A, 20 probes, 20 in L13921 9109-9601, Homo sapiens fibrillin mRNA, complete cds."
"L13923, class A, 20 probes, 20 in L13923 9109-9601, Homo sapiens fibrillin mRNA, complete cds."
                                                                                                                                                                                                                                                                                                                                                                                                                  "104469, class B, 20 probes, 11 in J04469exon#9 11-173: 9 not in GB record, Human mitochondrial creatine kinase (CKMT) gene, complete cds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "L05779, class A, 20 probes, 20 in L05779 1535-2069, Human cytosolic epoxide hydrolase mRNA, complete cds"
"L06797, class A, 20 probes, 20 in L06797 1041-1599, Human (clone L5) orphan G protein-coupled receptor mRNA, complete cds"
"L06895, class A, 20 probes, 20 in L06895 503-977, Homo sapiens antagonizer of myc transcriptional activity (Mad) mRNA, complete cds"
                                                                                                                                                      "J04093, class A, 20 probes, 20 in J04093 1842-2342, Homo sapiens phenol UDP-glucuronosyltransferase (UDPGT) mRNA, complete cds" "J04130, class A, 20 probes, 20 in J04130mRNA 87-634, Human activation (Act-2) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "L11931, class A, 20 probes, 20 m L11931 1454-1644, Human cytosolic serine hydroxymethyltransferase (SHMT) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "L14837, class A, 20 probes, 20 in L14837 7335-7839, Human tight junction (zonula occludens) protein ZO-1 mRNA, complete cds" "L19437, class A, 20 probes, 20 in L19437 857-1211, Human transaldolase mRNA containing transposable element, complete cds" "L19605, class A, 20 probes, 20 in L19605 1483-1915, Homo sapiens 56K autoantigen annexin XI gene mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "L05187, class C, 20 probes, 20 in all_L05187 2284-2339, Homo sapiens small proline-rich protein 1 (SPRR1A) gene, complete cds"
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                                              "104076, class A, 20 probes, 20 in J04076mRNA 2171-2651, Human early growth response 2 protein (EGR2) mRNA, complete cds"
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                                                                                                                                                                                                                                           "104162, class A, 20 probes, 20 in 104162mRNA 1406-1940, Human leukocyte IgG receptor (Fc-gamma-R) mRNA, complete cds" "104164, class A, 20 probes, 20 in 104164 366-804, Human interferon-inducible protein 27-Sep mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "L11370, class A, 20 probes, 20 in L11370 3486-4038, Human protocadherin 42 mRNA, complete cds for abbreviated PC42"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "L10386, class A, 20 probes, 20 in L10386 2036-2498, Homo sapiens transglutaminase E3 (TGASE3) mRNA, complete cds"
"L10678, class A, 20 probes, 20 in L10678 1128-1650, Human profilm II mRNA, complete cds"
"L10717, class A, 20 probes, 20 in L10717 6303-6332, Homo sapiens T cell-specific tyrosine kinase mRNA, complete cds"
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                                                                                                                                                                                                                                                                                                                                                               104177, class A, 20 probes, 20 in J04177 5773-6133, Human alpha-1 type XI collagen (COL11A1) mRNA, complete cds."
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                                                                                                    104080, class A, 20 probes, 20 m J04080mRNA 2136-2604, Human complement component C1r mRNA, complete cds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "105070, class A, 20 probes, 20 in 105070 1805-2303, Human type IV collagenase mRNA, complete cds" "105633, class A, 20 probes, 20 in 105633 2714-3008, Human integrin beta-5 subunit mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "K03430, class C, 20 probes, 20 in all K03430 414-853, Human complement C1q B-chain gene" "L00352, class A, 20 probes, 20 in L00352exon 1952-2492, Human low density lipoprotein receptor gene"
304056, class A, 20 probes, 20 in J04056 746-1118, Human carbonyl reductase mRNA, complete cds"
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L06895_at
L08895_at
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L00352_at
L05187_at
L05779_at
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L11931_at
L12350_at
L13286_at
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L13923_at
L14837_at
L19437_at
L19605_at
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L20591_at
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J04469_at
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"M15841, class A, 20 probes, 20 in M15841 492-945, Human U2 small nuclear RNA-associated B" antigen mRNA, complete cds"
"M16038, class A, 20 probes, 20 in M16038 1817-2255, Human lyn mRNA encoding a tyrosine knase"
"M16750, class A, 20 probes, 20 in M16750 1699-2210, Human pun-1 oncogene mRNA, complete cds"
"M17183, class C, 20 probes, 20 in all M17183 531-752, Human nonspecific crossreacting antigen mRNA, complete cds"
"M18728, class A, 20 probes, 20 in M18737mRNA 269-815, GJA1P1 gene extracted from Human Hanukah factor serinc protease (HuHF) mRNA, complete "M19720, class A, 20 probes, 20 in MI9720mRNA#2 2659-3217, L-myc gene (L-myc protein) extracted from Human L-myc protein gene, complete cds, L-M24351_cds3_s_at"M24351, class A, 20 probes, 20 in M24351exon 248-404, PTHLH gene (parathyroid hormone-like protein A) extracted from Human parathyroid hormone-"L34657, class A, 20 probes, 20 in L34657mRNA 2757-3219, Homo sapiens platelet/endothelial cell adhesion molecule-1 (PECAM-1) gene" "L76465, class A, 20 probes, 20 in L76465 1929-2493, Homo sapiens NAD+-dependent 15 hydroxyprostaglandin dehydrogenase (PGDH) mRNA, complete "M26576, class B, 20 probes, 10 in M26576exon 43-289: 10 not in GB record, COL4A1 gene (alpha-1 type IV collagen) extracted from Human alpha-1 "M24351, class C, 20 probes, 20 not in GB record, PTHLH gene (parathyroid hormone-like protein A) extracted from Human parathyroid hormone-like "M24194, class A, 20 probes, 20 in M24194mRNA 504-1023, Human MHC protein homologous to chicken B complex protein mRNA, complete cds" "M24486, class A, 20 probes, 20 in M24486mRNA 2110-2684, Human prolyl 4-hydroxylase alpha subunit mRNA, complete cds, clone PA-11" "M24594, class A, 20 probes, 20 in M24594mRNA 1077-1593, Human interferon-inducible 56 Kd protein mRNA, complete cds" "M24902, class A, 20 probes, 20 in M24902mRNA 2694-3018, Human prostatic acid phosphatase mRNA, complete cds" "M19645, class C, 20 probes, 20 in all_M19645 4941-5470, Human 78 kdalton glucose-regulated protein (GRP78) gene, complete cds" "M13755, class A, 20 probes, 20 in M13755mRNA 33-591, Human interferon-induced 17-kDa/15-kDa protein mRNA, complete eds" "M14199, class A, 20 probes, 20 in M14199 2-381, Human laminin receptor (2H5 epitope) mRNA, 5' end" "M14200, class A, 20 probes, 20 in M14200mRNA 139-469, Human diazepam binding inhibitor (DBI) mRNA, complete cds" "M14338, class C, 20 probes, 20 in all M14338 2740-3281, Human mRNA for protein S and intron" "M15661, class A, 20 probes, 20 in M15661mRNA 3-338, Human ribosomal protein mRNA, complete cds" "M19888, class A, 20 probes, 20 in M19888 58-580, Human small proline rich protein (sprl) mRNA, clone 128" "M21121, class A, 20 probes, 20 in M21121 958-1129, Human T cell-specific protein (RANTES) mRNA, complete cds" "M21389, class A, 20 probes, 20 in M21389mRNA 1754-2192, Human keratin type II (58 kD) mRNA, complete cds" "M22995, class A, 20 probes, 20 in M22995 1008-1542, Human ras-related protein (Krev-1) mRNA, complete cds" "M23994, class A, 20 probes, 20 in M23294mRNA#1 1219-1651, Human beta-hexosaminidase beta-subunit (HEXB) gene" "M11147, class A, 20 probes, 20 in M11147mRNA 251-689, Human ferritin L chain mRNA, complete cds" "M11718, class A, 20 probes, 20 in M11718 716-1274, Human alpha-2 type V collagen gene, 3' end" "M12759, class B, 20 probes, 12 in M12759cds 65-335: 8 in reverseSequence, 1020-1260, Human Ig J chain gene" "L77886, class A, 20 probes, 20 in L77886 5390-5696, Human protein tyrosine phosphatase mRNA, complete eds" "M27160, class A, 20 probes, 20 in M27160mRNA 1441-1879, Human tyrosinase (TYR) mRNA, complete cds" "M19045, class A, 20 probes, 20 in M19045 907-1414, Human lysozyme mRNA, complete cds." "M19481, class C, 20 probes, 14 in all_M19481 278-651: 6 in M19481cds 818-921, Human follistatin gene." "M25079, class A, 20 probes, 20 in M25079 163-230, Human sickle cell beta-globin mRNA, complete cds" "M26311, class A, 19 probes, 19 in M26311 27-504, Human cystic fibrosis antigen mRNA, complete cds." protein (PLP) gene, PTHLH gene (parathyroid hormone-like protein A) extracted from Human parathyroid hormone-lik" like protein (PLP) gene, PTHLH gene (parathyroid hormone-like protein A) extracted from Human parathyroid hormon" myc gene (L-myc protein) extracted from Human L-myc protein gene, complete eds" collagen type IV gene" M26576 cds2 at M24351 cds2 at aţ M18737_mal_at at M19720 rna2 M26311 s_at M24486_s_at M25079 s at M14200_ma1 M17183_s_at M19045 f_at M16750_s_at M14199_s_at M24594 at M24902_at M24194_at M19481_at M21121_at M23294 at M11147_at M11718_at M12759_at M13755_at M18728 at M19645 at M19888_at M21389_at M22995 at M14338_at M15661_at M15841 at M16038 at 777886 at .76465_at L34657_at

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'M30818, class A, 20 probes, 20 in M30818mRNA 2384-2888, Human interferon-induced cellular resistance mediator protein (MxB) mRNA, complete cds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "M35878, class A, 20 probes, 20 in M35878exon#4 1993-2443, Human insulin-like growth factor-binding protein-3 gene, complete cds, "lone HL1006d" "M36341, class A, 20 probes, 20 in M36341 912-1458, Human ADP-ribosylation factor 4 (ARF4) mRNA, complete cds" "M37721, class A, 20 probes, 20 in M37721 3297-3705, Human peptidylglycine alpha-amidating monooxygenase mRNA, complete cds" "M37766, class A, 20 probes, 20 in M37766 475-955, Human MEM-102 glycoprotein mRNA, complete cds" "M55542, class A, 20 probes, 20 in M55542mRNA 2310-2802, Human alpha-1 collagen type I gene, 3' end" "M55998, class C, 20 probes, 20 in M57710 355-865, Human alpha-1 collagen type I gene, 3' end" "M57710, class A, 20 probes, 20 in M57710 355-865, Human agro-beta mRNA, complete cds" "M57731, class A, 20 probes, 20 in M57731 mRNA 617-1032, Human gro-beta mRNA, complete cds" "M59465, class A, 20 probes, 20 in M59465 3867-4341, Human tumor necrosis factor alpha inducible protein A20 mRNA, complete cds" "M61853, class C, 20 probes, 20 in all M61853 1535-1714, Human cytochrome P4502C9 (CYP2C18) mRNA, clone 6b" "M61855, class C, 20 probes, 20 in all M61851 1535-1714, Human cytochrome P4502C9 (CYP2C9) mRNA, clone 25"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "M33764, class B, 20 probes, 12 m M33764cds 1158-1350. 8 in reverseSequence, 7989-8235, Human ornithine decarboxylase gene, complete cds." "M33882, class A, 20 probes, 20 m M33882 2348-2762, Human p78 protein mRNA, complete cds." "M34057, class A, 20 probes, 20 m M34057 4720-5044, Human transforming growth factor-beta 1 binding protein mRNA, complete cds."
                                                                                                                                                                                                                                                               "M31627, class A, 20 probes, 20 in M31642mRNA 802-1288, Human X box binding protein-1 (XBP-1) mRNA, complete cds" [M31642, class A, 20 probes, 20 in M31642mRNA 802-1288, Human hypoxanthine phosphoribosyltransferase (HPRT) mRNA, complete cds" [M31994, class C, 20 probes, 20 in all M31994 I17-538, Human cytosolic aldehyde dchydrogenase (ALDH1) genc"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             'M63438, class A, 17 probes, 17 in M63438 794-1195, Human Ig rearranged gamma chain mRNA, V-J-C region and complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "M64082, class A, 20 probes, 20 in M64082 1605-2055, Human flavin-containing monooxygenase (FMO1) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                             "M32011, class A, 20 probes, 20 in M32011mRNA 1623-2157, Human neutrophil oxidase factor (p67-phox) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "M69181, class A, 20 probes, 20 in M69181 6995-7523, Human nonmuscle myosin heavy chain-B (MYH10) mRNA, partial eds."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "M34309, class A, 20 probes, 20 in M34309 4410-4836, Human epidermal growth factor receptor (HER3) mRNA, complete eds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "M76482, class A, 20 probes, 20 in M76482 2855-3251, Human 130-kD pemphigus vulgaris antigen mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "M63256, class A, 20 probes, 20 in M63256 1975-2497, Human major Yo paraneoplastic antigen (CDR2) mRNA, 3' end"
                                                                                                         M30257, class A, 20 probes, 20 m M30257 2214-2709, Human vascular cell adhesion molecule 1 mRNA, complete cds"
                                                'M29540, class A, 20 probes, 20 in M29540 2616-2949, Human carcinoembryonic antigen mRNA (CEA), complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'M69177, class A, 20 probes, 20 in M69177 1992-2436, Human monoamine oxidase B (MAOB) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "M32402, class A, 20 probes, 20 m M32402mRNA 1851-2253, Human placental protem (PP11) mRNA, complete cds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "M34423, class A, 20 probes, 20 in M34423 1856-2312, Human beta-galactosidase (GLB1) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "M64347, class A, 20 probes, 20 in M64347 3336-3720, Human novel growth factor receptor mRNA, 3' cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "M61906, class A, 20 probes, 20 in M\overline{6}1906 2813-3326, Human P13-kinase associated p85 mRNA sequence"
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                                                                                                                                                                                                                          'M31551, class C, 20 probes, 20 m all_M31551 576-1134, Human urokmase inhibitor (PAI-2) genc"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "M63835, class A, 20 probes, 20 in M63835mRNA 896-1388, Human IgG Fc receptor I gene"
M29064, class A, 20 probes, 20 in M29064 1225-1657, Human hnRNP B1 protein mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               protein 14.1 (Ig lambda chain related) gene"
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M64082_at
                                                                                                                                     M30257 s at
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M36341_at
M37721_at
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M61855_at
M61906_at
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M34309_at
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Applicants: Janet A. Warrington et al.
USSN 09/950,016 Filed September 10, 2001
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28 State Street, 28th Floor, Boston, MA 02109
Attorney Docket No. 03848-00093 SHEET 16 OF 21 "M93036, class A, 20 probes, 18 in M93036mRNA 987-1353: 2 in reverseSequence, 527-545, Human (clonc 21726) carcmoma-associated antigen GA733-2 "M87789, class A, 20 probes, 20 in M87789 1021-1512, Human (hybridoma H210) anti-hepatitis A IgG variable region, constant region, complementarity-'S74017, class A, 20 probes, 20 in S74017 1721-2213, Nrf2=NF-E2-like basic leucine zipper transcriptional activator [human, hemin-induced K562 cells, 'S73591, class A, 20 probes, 20 in S73591 2169-2649, brain-expressed HHCPA78 homolog [human, HL-60 acute promyelocytic leukemia cells, mRNA, "S82597, class A, 20 probes, 20 m S82597mRNA 9-507, Description: UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase gene extracted from 'S69232, class A, 20 probes, 20 in S69232 1584-1992, electron transfer flavoprotein-ubiquinone oxidoreductase [human, fetal liver, mRNA, 2124 nt]" 'W83186, class A, 20 probes, 20 in M83186 103-316, Human cytochrome c oxidase subunit VIIa (COX7A) muscle isoform mRNA, complete cds" "S68805, class A, 20 probes, 20 in S68805 1972-2305, L-arginine glycine amidinotransferase [human, kidney carcinoma cells, mRNA, 2330 nt]" "M93426, class A, 20 probes, 20 in M93426 7455-7845, Human protein tyrosine phosphatase zeta-polypeptide (PTPRZ) mRNA, complete cds" "M96740, class A, 20 probes, 20 in M96740 2014-2476, Human NSCL-2 gene sequence" "M97935, class A, 20 probes, 20 in M97935 3412-3886, Human transcription factor ISGF-3 mRNA sequence" "M97936, class A, 20 probes, 20 in M97936 2354-2564, Human transcription factor ISGF-3 mRNA sequence" "M98447, class A, 20 probes, 20 in M98447mRNA 2256-2670, H. sapiens keratinocyte transglutaminase gene, complete cds" "M98776, class A, 20 probes, 20 in M98776mRNA 1864-2266, Human keratin 1 gene, complete cds" "S45630, class A, 20 probes, 20 in S45630 108-612, alpha B-crystallin=Rosenthal fiber component [human, glioma cell line, mRNA, 691 nt]" "U04898, class A, 20 probes, 20 in U04898 1421-1877, Human orphan hormone nuclear receptor RORalpha2 mRNA, complete cds" "S74728, class A, 20 probes, 20 in S74728 1245-1773, antiquitin=26g turgor protein homolog [human, kidney, mRNA, 1809 nt]" "S78187, class A, 20 probes, 20 in S78187 2548-3064, CDC25Hu2=cdc25+ homolog [human, mRNA, 3118 nt]" "U05861, class B, 20 probes, 15 in U05861 exon 50-243: 5 not in GB record, Human hepatic dihydrodiol dehydrogenase gene" "S62539, class A, 20 probes, 20 in S62539 5366-5756, insulm receptor substrate-1 [human, skeletal muscle, mRNA, 5828 nt]" "U02020, class C, 20 probes, 20 m all_U02020 1985-2352, Human pre-B cell enhancing factor (PBEF) mRNA, complete cds"
"U02556, class A, 20 probes, 20 in U02556 1579-2101, Human RP3 mRNA, complete cds"
"U03272, class A, 20 probes, 20 m U03272 9619-10081, Human fibrillin-2 mRNA, complete cds" "S54005, class A, 20 probes, 20 in S54005 2-197, thymosm beta-10 [human, metastatic melanoma cell line, mRNA, 453 nt]" "M93056, class A, 20 probes, 20 in M93056 859-1273, Human mononcyte/neutrophil elastase inhibitor mRNA sequence" "M93221, class A, 20 probes, 20 in M93221mRNA 4618-5110, Human macrophage mannose receptor (MRC1) gene" "U06643, class A, 19 probes, 19 in U06643 71-463, Human keratinocyte lectin 14 (HKL-14) mRNA, complete cds." "S78569, class A, 20 probes, 20 in S78569 5723-6161, Jaminin alpha 4 chain [human, fetal lung, mRNA, 6204 nt]" M83667_ma1_s_at "M83667, class A, 20 probes, 20 in M83667mRNA 713-1143, Human NF-IL6-beta protein mRNA, complete cds" M83822_at "M83822, class A, 20 probes, 20 in M83822 6791-7253, Human beige-like protein (BGL) mRNA, partial cds" M86699_at "M86699, class A, 20 probes, 20 in M86699 3355-3787, Human kinase (TTK) mRNA, complete cds" "U09278, class A, 20 probes, 20 in U09278 2285-2735, Human fibroblast activation protein mRNA, complete cds" "U07919, class A, 20 probes, 20 in U07919 2973-3399, Human aldehyde dehydrogenase 6 mRNA, complete cds" "U09578, class A, 20 probes, 20 in U09578 2012-2456, Human MAPKAP kinase (3pK) mRNA, complete cds" "S59049, class A, 20 probes, 20 in S59049 786-1314, BL34=B cell activation gene [human, mRNA, 1398 nt]" "S67156, class A, 20 probes, 20 in S67156 876-1368, ASP=aspartoacylase [human, kidney, mRNA, 1435 nt]" JDP-GaINAc:polypeptide N-acetylgalactosaminyltransferase/GaINAc-transferase {3' region, exon 11} [human, placent" "M88458, class A, 20 probes, 20 in M88458 585-1095, Human ELP-1 mRNA sequence." determining regions mRNA, complete cds" (GA733-2) mRNA" S78569_at S82597_ma1_s at M98776 mal at mRNA, 2304 nt]" M98447_rna1_at M87789 s at M97935 s at U06643_s_at S54005_s_at M93221_at M93426_at M97936_at M93056 at M93036 at M96740_at U03272_at S74728_at S78187_at M88458_at S59049_at U02020_at U02556_at J04898_at U05861_at \$45630 at S69232 at S74017 at J07919_at U09278 at S62539 at S68805_at S73591 at S67156 at 2704 nt]"

U09770_at

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"U32849, class A, 20 probes, 20 in U32849 867-1383, Human transcription factor E2F-5 mRNA, complete cds"

"U32849, class A, 20 probes, 20 in U32849 867-1383, Human Hou mRNA, complete cds"

"U34252, class A, 20 probes, 20 in U34252 2177-2579, Human gamma-amnobutyraldehyde dehydrogenase mRNA, complete cds"

"U37518, class A, 20 probes, 20 in U37518 1162-1390, Human TNF-related apoptosis mducing ligand TRAIL mRNA, complete cds"

"U37519, class A, 20 probes, 20 in U37519 2304-2784, Human aldehyde dehydrogenase (ALDH8) mRNA, complete cds"

"U38545, class A, 20 probes, 20 in U38545 3056-3578, Human ARF-activated phosphatidylcholme-specific phospholipase D1a (hPLD1) mRNA, complete
                                                                                                                                                                                                                                                                                              "U16306, class A, 20 probes, 20 in U16306 10722-11142, Human chondroitin sulfate proteoglycan versican V0 splice-variant precursor peptide mRNA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "U27333, class C, 9 probes, 9 in all_U27333 2701-2753, Human alpha (1,3) fucosyltransferase (FUT6) mRNA, major transcript I, complete cds, Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U28488 s_at "U31201, class A, 20 probes, 20 m U31201mRNA 4592-5106, Human laminin gamma2 chain gene (LAMC2), Human laminin gamma2 chain gene (LAMC2), Human laminin gamma2 chain gene
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"U40622, class A, 20 probes, 20 in U40622 999-1449, Human XRCC4 mRNA, complete cds"
"U41060, class A, 20 probes, 20 in U41060 2936-3416, Human breast cancer, estrogen regulated LIV-1 protein (LIV-1) mRNA, partial cds"
"U43944, class A, 20 probes, 20 in U43944 1705-1978, Human breast cancer cytosolic NADP(+)-dependent malic enzyme mRNA, partial cds"
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"U21128, class A, 20 probes, 20 in U21128 1254-1632, Human lumican mRNA, complete cds"
"U23942, class A, 20 probes, 20 in U23942 2811-3129, Human lanosterol 14-demethylase cytochrome P450 (CYP51) mRNA, complete cds"
"U09770, class A, 20 probes, 20 in U09770 61-391, Human cysteine-rich heart protein (hCRHP) mRNA, complete cds"
"U12767, class A, 20 probes, 20 in U12767 4598-4922, Human mitogen induced nuclear orphan receptor (MINOR) mRNA, complete cds"
"U13737, class A, 20 probes, 20 in U13737 2046-2556, Human cysteine protease CPP32 isoform alpha mRNA, complete cds"
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"U46689, class A, 20 probes, 20 in U46689 3317-3863, Human microsomal aldehyde dehydrogenase (ALD10) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "U20158, class A, 20 probes, 20 in U20158 1551-1911, Human 76 kDa tyrosine phosphoprotein SLP-76 mRNA, complete cds"
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                                                                                                                                                                                                                                                "U15932, class A, 20 probes, 20 m U15932 1928-2294, Human dual-specificity protein phosphatase mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              "U18062, class A, 20 probes, 20 in U18062 1678-2152, Human TFIID subunit TAFII55 (TAFII55) mRNA, complete cds"
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                                                                                                                                                  "U14518, class A, 20 probes, 20 in U14518 859-1315, Human centromere protein-A (CENP-A) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "U18934, class A, 20 probes, 20 in U18934 4229-4311, Human receptor tyrosine kinase (DTK) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                               "U16799, class A, 20 probes, 20 m U16799 865-1419, Human Na,K-ATPase beta-1 subunt mRNA, complete cds"
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                                                                                                                                                                                               "U14970, class A, 20 probes, 20 in U14970 122-656, Human ribosomal protein S5 mRNA, complete cds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "U24166, class A, 20 probes, 20 m U24166 2107-2395, Human EB1 mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                             "U17077, class A, 20 probes, 20 m U17077 1716-2190, Human BENE mRNA, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      alpha (1,3) fucosyltransferase (FUT6) mRNA, major transcript I, complete cds"
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                                                                                                                                                                                                                                                                                                                                                  complete cds"
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U13737_at
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U18062_at
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U20158_at
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U25182_at
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'U50648, class A, 20 probes, 20 in U50648mRNA 2211-2751, Human interferon-inducible RNA-dependent protein kinase (Pkr) gene"

J50648 s at

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"U90546, class B, 12 probes, 12 in U90546 1301-1344, Human butyrophilm (BTF4) mRNA, complete cds, Human butyrophilin (BTF4) mRNA, complete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "X02530, class C, 20 probes, 20 in all_X02530 571-1118, Human mRNA for gamma-interferon inducible early response gene (with homology to platelet
                                                                                                        "U55206, class A, 20 probes, 18 in U55206 790-1222: 2 not in GB record, Human gamma-glutamyl hydrolase (hGH) mRNA, complete cds"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "V00536, class A, 20 probes, 20 in V00536mRNA 811-1135, IFNG gene extracted from Human immune interferon (IFN-gamma) gene."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "U72621, class A, 20 probes, 20 in U72621 2581-3145, Human LOT1 mRNA, complete cds."

"U73377, class A, 20 probes, 20 in U73377 3059-3363, Human p66shc (SHC) mRNA, complete cds."

"U73960, class A, 20 probes, 20 in U73960 566-1022, Human ADP-ribosylation factor-like protein 4 mRNA, complete cds."

"U77604, class A, 20 probes, 20 in U77604 13-493, Human microsomal glutathione S-transferase (GST-II) mRNA, complete cds."

"U78525, class A, 20 probes, 20 in U78525 2480-2942, Human cukaryotic translation initiation factor (eIF3) mRNA, complete cds."
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'U53446, class A, 20 probes, 20 in U53446 2680-3220, Human mitogen-responsive phosphoprotein DOC-2 mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                "U65932, class A, 20 probes, 20 in U65932 1244-1634, Human extracellular matrix protein 1 (ECM1) mRNA, complete cds" "U67122, class A, 20 probes, 20 in U67122 469-728, Human ubiquitin-related protein SUMO-1 mRNA, complete cds." "U67784, class A, 20 probes, 20 in U67784 1106-1640, Human orphan G protein-coupled receptor (RDC1) mRNA, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "U85707, class A, 20 probes, 20 in U85707 1922-2426, Human leukemogenic homolog protein (MEIS1) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "U89942, class A, 20 probes, 20 in U89942 2867-3383, Human lysyl oxidase-related protein (WS9-14) mRNA, complete cds."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "U63743, class A, 20 probes, 20 in U63743 2187-2715, Human mitotic centromere-associated kinesin mRNA, complete cds."
                                                                                                                                                                                                                                                                                                                                                                                                                         "U60808, class A, 20 probes, 20 in U60808 1423-2000, Human CDP-diacylglyccrol synthase (CDS) mRNA, complete cds."
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                                                                                                                                                                                                                                                               "U59877, class A, 20 probes, 20 in U59877 295-750, Human low-Mr GTP-binding protein (RAB31) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                       "U60115, class A, 20 probes, 20 in U60115 1863-2211, Human skeletal muscle LIM-protein SLIM1 mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "U67963; class A, 20 probes, 20 in U67963 590-1148, Human lysophospholipase homolog (HU-K5) mRNA, complete cds"
                                                                                                                                                          "U56814, class A, 20 probes, 20 in U56814 495-957, Human DNAse I homologous protein (DHP2) mRNA, complete cds"
                                                      "U53506, class A, 20 probes, 20 in U53506 1344-1836, Human type II 10dothyronine deiodinase mRNA, complete cds.
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                                                                                                                                                                                                            "U57721, class A, 20 probes, 20 in U57721 1126-1588, Human L-kynurenine hydrolase mRNA, complete eds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "U68142, class A, 20 probes, 20 in U68142 1372-1900, Human RalGDS-like 2 (RGL2) mRNA, partial cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "U62800, class A, 20 probes, 20 in U62800 181-535, Human cystatin M (CST6) mRNA, complete cds"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "X01060, class C, 20 probes, 20 in all X01060 4427-4986, Human mRNA for transferrin receptor"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          "U90902, class A, 20 probes, 20 in U90902 939-1407, Human clone 23612 mRNA sequence" U90904, class A, 20 probes, 20 in U90904 1102-1342, Human clone 23773 mRNA sequence"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "U88964, class A, 20 probes, 20 in U88964 130-568, Human HEM45 mRNA, complete cds."
                                                                                                                                                                                                                                                                                                                 "U60060, class A, 20 probes, 20 m U60060 1090-1540, Human FEZ1 mRNA, complete cds"
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U60060_at
U60115_at
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                                              J53506_at
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'X02761, class C, 20 probes, 20 in all_X02761 7082-7646, Human mRNA for fibronectin (FN precursor)"

X02875_s_at

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"X51441, class C, 8 probes, 8 in all_X51441 55-90, Human mRNA for serum amyloid A (SAA) protein partial, clone pAS3-alpha, Human mRNA for serum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "X15187, class B, 20 probes, 10 in X15187cds 2089-2380: 10 in reverseSequence, 2521-2737, Human tra1 mRNA for human homologue of murine tumor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "X15414, class C, 20 probes, 20 m all_X15414 844-1349, Human mRNA for aldose reductase (EC 1.1.1.2)"
"X16354, class C, 20 probes, 20 in all_X16354 2895-3400, Human mRNA for transmembrane carcinoembryonic antigen BGPa (formerly TM1-CEA)"
"X16396, class C, 20 probes, 20 in all_X16396 1543-2102, Human mRNA for NAD-dependent methylene tetrahydrofolate dehydrogenase cyclohydrolase
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                                             "X04470, class B, 19 probes, 15 in X04470cds 24-374: 4 in reverseSequence, 408-495, Human mRNA for antileukoprotease (ALP) from cervix uterus"
                                                                                                                                                                                                                                                                                             "X06948, class B, 20 probes, 12 in X06948cds 482-680: 8 in reverseSequence, 918-1146, Human mRNA for high affinity IgE receptor alpha-subunit
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "X13794, class A, 20 probes, 20 in X13794mRNA 713-1229, H.sapiens lactate dehydrogenase B gene exon 1 and 2 (EC 1.1.1.27) (and joined CDS)" "X13839, class C, 20 probes, 20 in all X13839 768-1300, Human mRNA for vascular smooth muscle alpha-actin"
                                                                                                                                                                                                                                                                                                                                                                                           "X07109, class C, 20 probes, 20 m all_X07109 2732-3303, Human mRNA for protein kinase C (PKC) type beta II"
"X07438, class A, 19 probes, 19 in X07438exon#2 11-166, Human DNA for cellular retinol binding protein (CRBP) exons 3 and 4 /gb=X07438
"X02875, class C, 20 probes, 20 in all_X02875 158-628, Human mRNA (3' -fragment) for (2' -5') oligo A synthetase E (1,8 kb RNA)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     "X12451, class A, 20 probes, 20 in X12451mRNA 974-1496, Human mrRNA for pro-cathepsin L (major excreted protein MEP)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      "X07695, class C, 20 probes, 20 in all_X07695 1175-1722, Human mRNA for cytokeratin 4 C-terminal region"
"X07696, class C, 20 probes, 20 in all_X07696 1300-1685, Human mRNA for cytokeratin 15"
"X07834, class C, 20 probes, 20 in all_X07834 515-1026, Human mRNA for manganese superoxide dismutase (EC 1.15.1.1)"
                                                                                              "X04602, class C, 20 probes, 20 m all_X04602 920-1086, Human mRNA for interleukin BSF-2 (B-cell differentiation factor)"
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                                                                                                                                                                                                                                                "X06700, class C, 20 probes, 20 in all X06700 1946-2466, Human mRNA 3' region for pro-alpha1 (III) collagen"
                                                                                                                                                                                               "X05610, class C, 20 probes, 20 m all_X05610 1701-2098, Human mRNA for type IV collagen alpha -2 chain"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "X14813, class C, 20 probes, 20 in all X14813 1077-1618, Human liver mRNA for 3-oxoacyl-CoA thiolase"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "X15183, class C, 20 probes, 20 in all X15183 2479-2894, Human mRNA for 90-kDa heat-shock protein"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "X51821, class C, 20 probes, 20 in all_X51521 2653-3026, Human mRNA for ezrin" "X51801, class C, 20 probes, 20 in all_X51801 1415-1824, Human OP-1 mRNA for osteogenic protein"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "X14008, class A, 20 probes, 20 in X14008mRNA 926-1433, Human lysozyme gene (EC 3.2.1.17)"
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                                                                                                                                           "X05232, class C, 20 probes, 20 in all X05232 1530-1771, Human mRNA for stromelysin"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "X53296, class C, 20 probes, 20 in all X53296 1099-1657, H.sapiens mRNA for IRAP"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      alpha, Human mRNA for serum amyloid A (SAA) protein partial, clone pAS3-alpha"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           amyloid A (SAA) protein partial, clone pAS3-alpha"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /ntype=DNA /annot=exon"
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                                             X04470_s_at
                                                                                          X04602_s_at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (EC\ 1.5.\overline{1}.15)"
                                                                                                                                                                                                                                                X06700 s at
                                                                                                                                                                                                                                                                                                                                                                                                                                               X07438 s at
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                                                                                                                                                                                                   X05610 at
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X51408_at
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             X16662 at
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"X76732, class B, 20 probes, 12 in X76732cds 975-1221: 6 in reverseSequence, 1464-1518: 2 not in GB record, H.sapiens NEFA protein mRNA, complete
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         "X65614, class B, 20 probes, 10 m X65614cds 10-262. 10 in reverseSequence, 19-391, H.sapiens mRNA for calcium-binding protein S100p" "X65965, class A, 18 probes, 18 in X65965exon#1-2 32-94, H.sapiens SOD-2 gene for manganese superoxide dismutase. /gb=X65965 /ntype=DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "X66534, class C, 20 probes, 20 in all_X66534 2622-2953, H.sapiens soluble guanylate cyclasc large subunit mRNA"
"X67098, class A, 20 probes, 20 in X67098exon#8 40-454, H.sapiens rTS alpha mRNA containing four open reading frames"
"X67951, class B, 20 probes, 10 in X67951cds 312-576: 10 in reverseSequence, 642-888, H.sapiens mRNA for proliferation-associated gene (pag)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "X85750, class C, 20 probes, 20 in all_X85750 1935-2500, H.sapiens mRNA for transcript associated with monocyte to macrophage differentiation"
                                                                                                                                                                                                                                   "X59770, class A, 20 probes, 20 in X59770mRNA 685-1213, H. sapiens IL-1R2 mRNA for type II interleukin-1 receptor, (cell line CB23)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     leucine zipper protein, calcium-binding EF-hand protein, from acute lymphoblastic leukemia ce" "X77584, class B, 20 probes, 14 in X77584cds 5-215: 6 in reverseSequence, 43-481, H.sapiens mRNA for ATL-derived factor/thiredoxin"
                                                                                                                                                                                       "X57579, class A, 20 probes, 18 in X57579exon 545-840: 2 in reverseSequence, 1392-1555, H.sapiens activin beta-A subunit (exon 2)"
                                                                                                                                                                                                                                                                                                                                                                                 "X61970, class A, 20 probes, 17 in X61970cds 299-677: 3 in reverseSequence, 758-860, H.sapiens mRNA for macropain subunit zeta"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "X76180, class C, 20 probes, 20 in all_X76180 2760-3115, H.sapiens mRNA for lung amiloride sensitive Na+ channel protein" X76223, class A, 20 probes, 20 in X76223 exon 2-540, H.sapiens MAL gene exon 4."
"X76342, class C, 20 probes, 20 in all_X76342 1484-2019, H.sapiens ADH7 mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  X91911, class A, 20 probes, 18 in X91911cds 321-711: 2 in reverseSequence, 912-950, H.sapiens mRNA for RTVP-1 protein"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   "X76029, class B, 20 probes, 14 in X76029cds 141-453: 6 in reverseSequence, 636-756, H. sapiens mRNA for neuromedin U"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   'X75252, class C, 20 probes, 20 in all_X75252 1083-1408, H.sapiens phosphatidylethanolamine binding protein mRNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "X68277, class C, 20 probes, 20 m all_X68277 1459-1952, H sapiens CL 100 mRNA for protein tyrosine phosphatase"
                                                                                                                                                                                                                                                                                  "X59892, class C, 20 probes, 20 in all X59892 2163-2542, H.sapiens mRNA for IFN-inducible gamma2 protein"
                                            "X54941, class C, 20 probes, 20 in all_X54941 194-687, H.sapiens ckshs1 mRNA for Cks1 protein homologue"
"X54925, class C, 20 probes, 20 in all_X54925 1537-1904, H.sapiens mRNA for type I interstitial collagenase"
                                                                                        "X56654, class A, 20 probes, 20 in X56654mRNA 3221-3641, Human DSG1 mRNA for desmoglein type 1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        "X68742, class C, 20 probes, 20 in all_X68742 2942-3423, H.sapiens mRNA for integrm, alpha subunit" "X69141, class C, 20 probes, 20 in all_X69141 1444-1997, H.sapiens mRNA for squalene synthase"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "X70476, class A, 20 probes, 20 in X70476mRNA 2526-3024, H.sapiens subunit of coatomer complex"
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                                                                                                                                                                                                                                                                                                                                                                                                                              'X63629, class C, 20 probes, 20 m all X63629 2582-3126, H. sapiens mRNA for p cadherm"
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                                                                                                                                                                                                                                                                                                                              "X61123, class A, 20 probes, 20 in X61123mRNA 1212-1608, Human BTG1 mRNA"
                                                                                                                                       "X57522, class C, 20 probes, 20 m all X57522 2229-2788, H.sapiens RING4 cDNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             "X64707, class C, 20 probes, 20 in all X64707 401-888, H.sapiens BBC1 mRNA"
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X61970_at
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X67951_at
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X68742_at
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X54925 at
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